$V_j = 10 \text{ mV}$ 

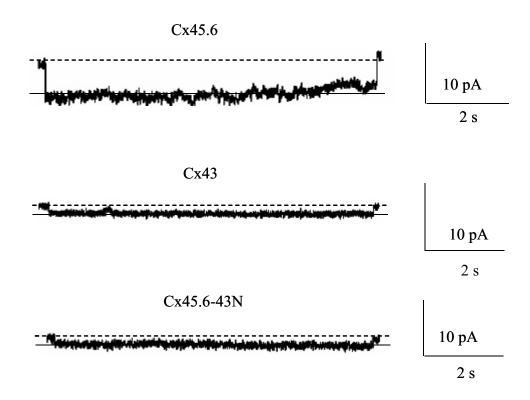


Figure S1. Records of single channel currents observed in pairs of N2A cells transfected with Cx45.6, Cx43 or Cx45.6-43N at  $V_j$  = 10 mV. The record for Cx45.6 contained 2 channels.